

Coordinated Site Visit

**Portsmouth Harbor and
Piscataqua River, New
Hampshire and Maine
Navigation Improvement Study**

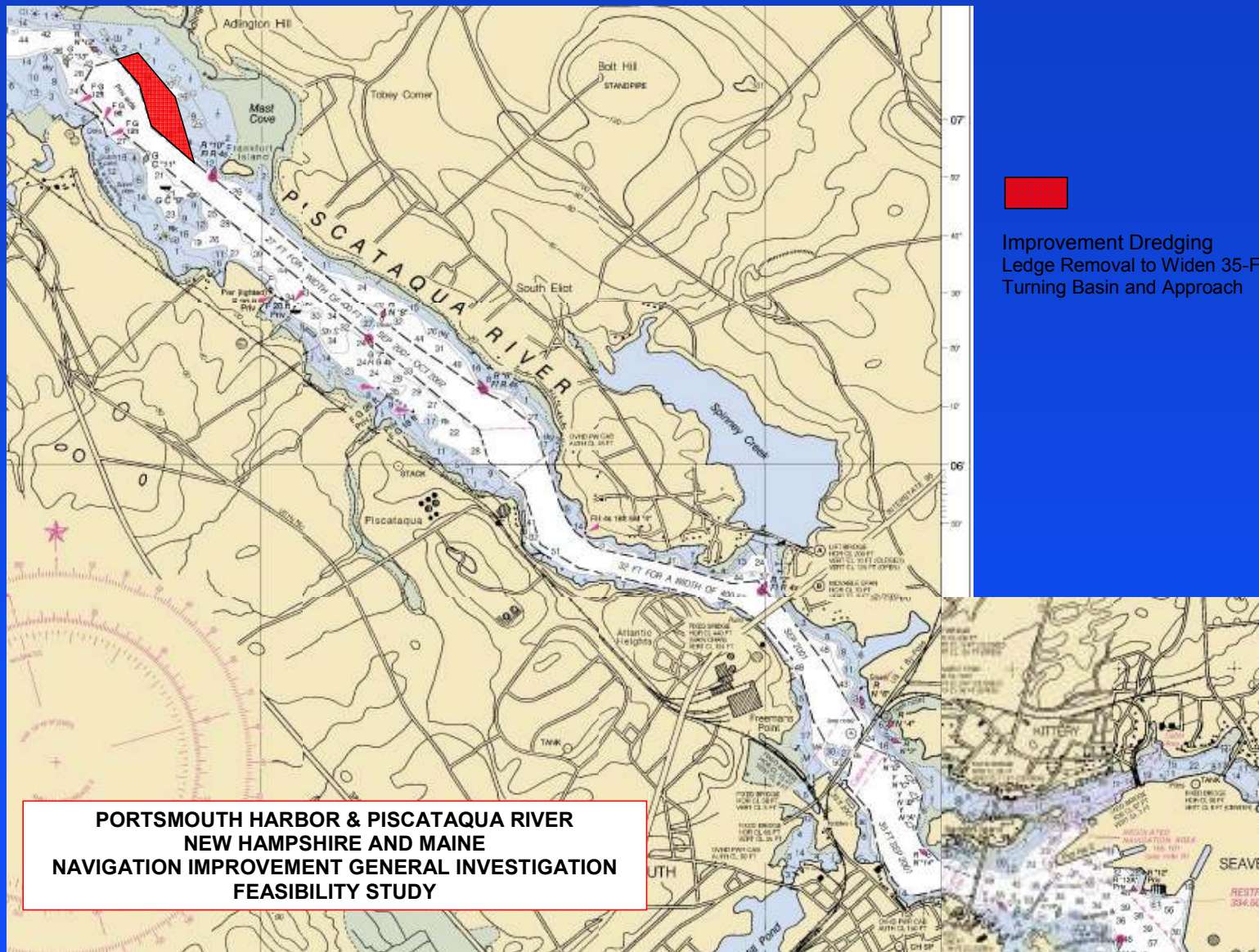
May 13, 2008

USACE, New England District

Meeting Agenda

- 1. Introductions**
- 2. Project Background**
- 3. Data Collection Activities**
- 4. Alternatives**
- 5. General Discussion**

Study Area



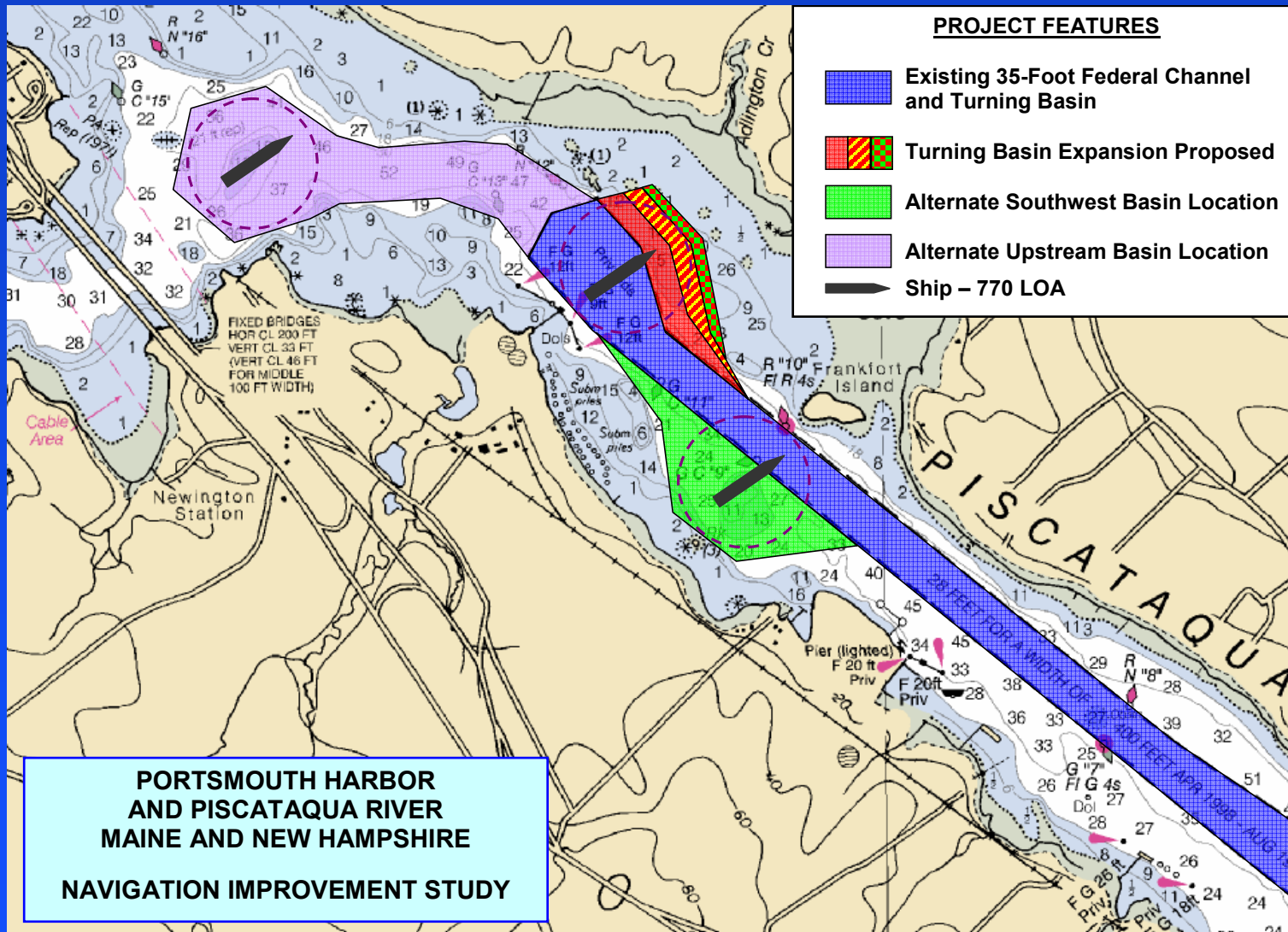
Data Collection Activities

- **Bathymetric Survey**
- **Soil Borings**
- **Grab Samples**
- **Marine Seismic and Archaeological Surveys**
 - **Subbottom profiling (seismic reflection)**
 - **Magnetometer**
 - **Sidescan Sonar**

Alternatives

- **No Action**
- **Turning Basin Improvement**
 - **Widen Basin at Existing Location**
 - Various Widths (1,000' – 1,250')
 - **New Upstream Location**
 - **New Downstream Location**

Alternative Turning Basin Locations



Preliminary Estimates of Dredging Volumes

(-35 feet MLLW plus 2' overdredge allowance)

- **Widen Basin at Existing Location**
 - 1,000 Feet (270,000 CY)
 - 1,150 Feet (630,000 CY)
 - 1,250 Feet (810,000 CY)
- **Upstream Turning Basin (570,000 CY)**
- **Downstream Turning Basin (730,000 CY)**

Disposal Options

- **Upland Disposal**
- **Nearshore or Beach Disposal**
 - **Wallis Sands Beach**
 - **Rye Beach**
 - **Other Suitable Location/Beneficial Use**
- **Open Water**
 - **Cape Arundel, ME**
 - **Isle of Shoals or Other**

Questions